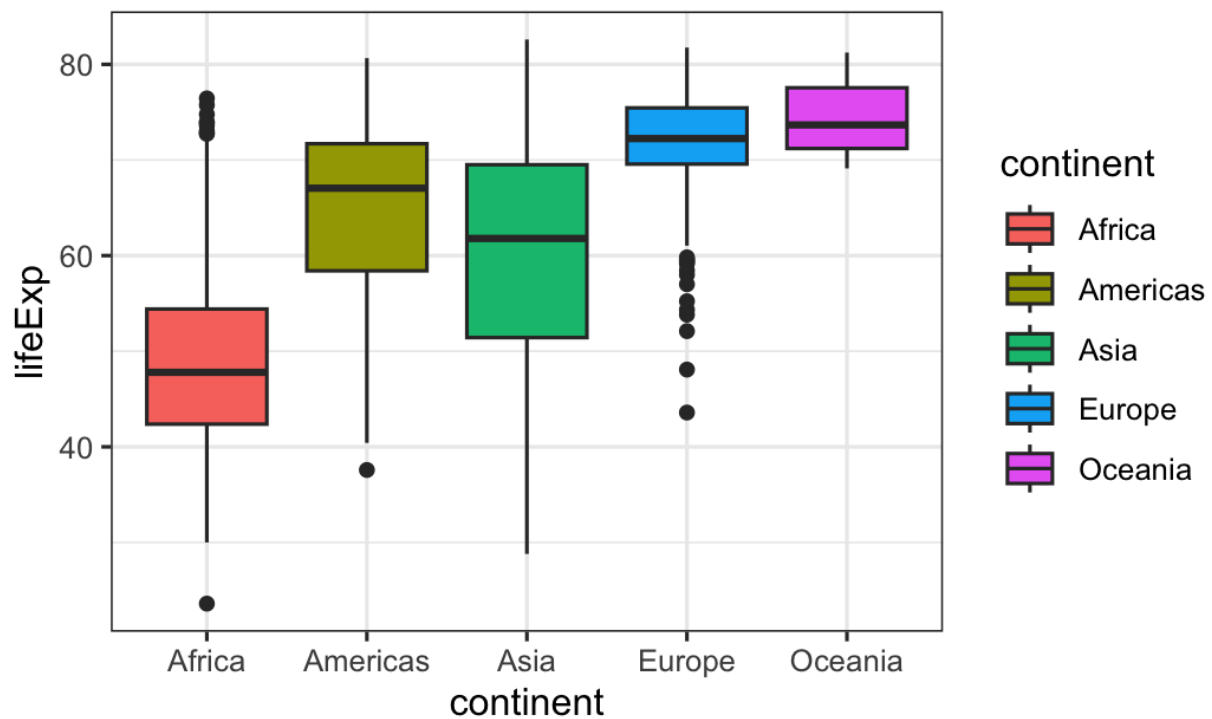


# Boxplots

Different continents and life expectancies there

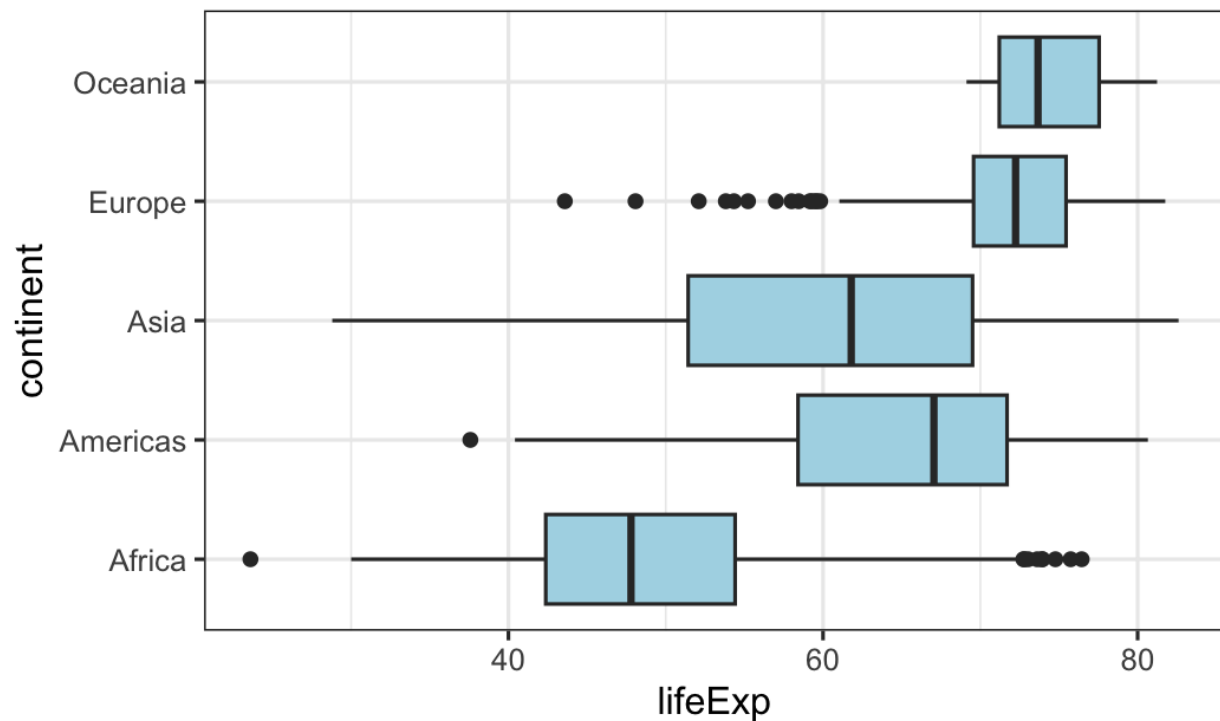
```
data("gapminder")
ggplot(gapminder, aes(x=continent,
                      y=lifeExp,
                      fill=continent)) +
  geom_boxplot()
```



flip the axes and fill with blue

```
ggplot(data = gapminder,
mapping = aes(
x = continent,
y = lifeExp
)) + geom_boxplot(fill="blue") + coord_flip()
```

```
ggplot(gapminder,
      aes(x=continent,
          y=lifeExp)) +
geom_boxplot(fill="lightblue") +
coord_flip()
```

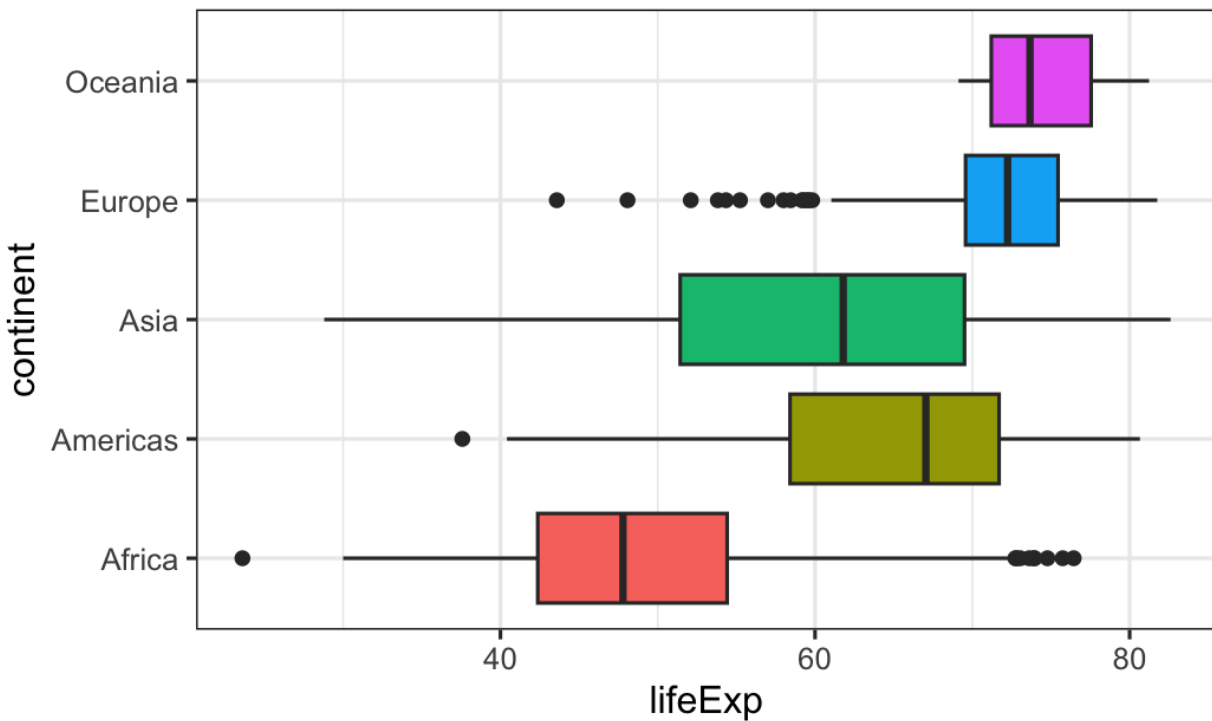


```
ggplot(data = gapminder,
mapping = aes(
      x = continent,
      y = lifeExp,
      fill = continent
    ))
```

```
)) + geom_boxplot() +  
  coord_flip() +  
  theme(legend.position="None")
```

or

```
ggplot(gapminder, aes(y=continent, x=lifeExp, fill=continent)) -  
  geom_boxplot(show.legend=FALSE)
```



## GEOM JITTER

```

ggplot(data = gapminder,
mapping = aes(x = continent,
               fill = continent,
               y = lifeExp)) +

geom_boxplot() +
geom_jitter(mapping = aes(color=continent,
                           alpha= 0.1))

theme(legend.position="None") +
coord_flip()

```

to add points on top of the box plots

